

What is claimed is:

1. In combination with a vehicle having two opposing sides, a rear and a passenger compartment, a peripheral viewing system comprising:

a camera mounted on each side of the vehicle;

5 a pair of video displays mounted within said passenger compartment, and positioned therein to be readily visible by a driver, each video display in selective communication with a designated camera;

a microprocessor means in communication with each of said cameras and said displays for processing images received from each of said cameras and for  
10 transmitting them to each of said displays.

2. The peripheral viewing system according to claim 1 further comprising:

a third camera mounted on the rear of said vehicle, said third camera connected to said microprocessor means;

a third video display mounted within the vehicle passenger compartment in  
15 selective communication with said third camera via said microprocessor means for continuously depicting images behind said vehicle.

3. The peripheral viewing system according to claim 2 further comprising a warning means for alerting a driver of an approaching vehicle.

4. The peripheral viewing system according to claim 3 wherein said

warning means comprises:

a phototransistor mounted on each side of said vehicle, adjacent the rear thereof, each of said phototransistors electrically connected to said microprocessor means;

5            an audible alarm means electrically connected to said microprocessor means for audibly alerting a driver if said phototransistors detect a trailing vehicle within a predetermined range of said vehicle.

5. The system according to claim 4 further wherein said vehicle includes a turn signal switch means electrically connected to said microprocessor means for  
10 exclusively activating said audible alarm means if said trailing vehicle is within the predetermined range of said vehicle.